

<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa stands for Glu or Lys

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa stands for Thr or Ser

<400> 147

Gly Thr Xaa His Xaa Xaa Ile

1 5

<210> 148
<211> 12
<212> PRT
<213> Artificial

<220>
<223> Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

<220>
<221> MISC_FEATURE
<222> (3)..(3)

10

20

30

40

⟨223⟩ Xaa stands for Ser or Leu

⟨400⟩ 148

Gly Thr Xaa His Lys Ser Ile Ser Ile Ser Asp Thr

1 5 10

10

⟨210⟩ 149

⟨211⟩ 10

⟨212⟩ PRT

⟨213⟩ Artificial

20

⟨220⟩

⟨223⟩ Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Trp or Thr

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (3)..(3)

⟨223⟩ Xaa stands for Lys, Ser or Leu

40

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (4)..(4)

⟨223⟩ Xaa stands for Leu or His

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (5)..(5)

⟨223⟩ Xaa stands for Glu or Lys

20

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (9)..(9)

⟨223⟩ Xaa stands for Phe or Ile

⟨400⟩ 149

30

Gly Xaa Xaa Xaa Xaa Ser Ile Ser Xaa Ser

1

5

10

40

⟨210⟩ 150

⟨211⟩ 9

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Tyr, Leu or Ser

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (3)..(3)

20

⟨223⟩ Xaa stands for Phe or His

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (4)..(4)

⟨223⟩ Xaa stands for Ala or Lys

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (5)..(5)

⟨223⟩ Xaa stands for Thr or Ser

40

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (8)..(8)

⟨223⟩ Xaa stands for Arg or Ile

⟨400⟩ 150

10

Thr Xaa Xaa Xaa Xaa Ile Ser Xaa Ser

1 5

⟨210⟩ 151

⟨211⟩ 6

20

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Tyr or Phe

⟨220⟩

40

⟨221⟩ MISC_FEATURE

⟨222⟩ (3)..(3)

⟨223⟩ Xaa stands for Glu or Ala

⟨400⟩ 151

Tyr Xaa Xaa Thr Ile Ser

1 5

10

⟨210⟩ 152

⟨211⟩ 4

⟨212⟩ PRT

⟨213⟩ Artificial

20

⟨220⟩

⟨223⟩ Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 152

30

Ser Ile Asn Ile

1

⟨210⟩ 153

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

40

⟨220⟩

⟨223⟩ Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Ser or Met

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (3)..(3)

20

⟨223⟩ Xaa stands for Arg or Thr

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (4)..(4)

⟨223⟩ Xaa stands for Ala or Ser

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (5)..(5)

⟨223⟩ Xaa stands for Ser or Arg

40

⟨220⟩
⟨221⟩ MISC_FEATURE
⟨222⟩ (7)..(7)
⟨223⟩ Xaa stands for Ile or Leu

⟨220⟩
⟨221⟩ MISC_FEATURE
⟨222⟩ (9)..(9)
⟨223⟩ Xaa stands for Ile or Val

⟨220⟩
⟨221⟩ MISC_FEATURE
⟨222⟩ (10)..(10)
⟨223⟩ Xaa stands for Phe or Tyr

⟨220⟩
⟨221⟩ MISC_FEATURE
⟨222⟩ (11)..(11)
⟨223⟩ Xaa stands for His or Ser

⟨400⟩ 153

Gly Xaa Xaa Xaa Xaa Ser Xaa Asn Xaa Xaa Xaa Ala

1 5 10

10

20

30

40

〈210〉 154

〈211〉 11

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈220〉

〈221〉 MISC_FEATURE

〈222〉 (2)..(2)

〈223〉 Xaa stands for Met or Thr

10

20

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40

〈220〉

〈221〉 MISC_FEATURE

〈222〉 (3)..(3)

〈223〉 Xaa stands for Thr or Ile

〈220〉

⟨221⟩ MISC_FEATURE
⟨222⟩ (5)..(5)
⟨223⟩ Xaa stands for Arg or Val

⟨220⟩
⟨221⟩ MISC_FEATURE
⟨222⟩ (7)..(7)
⟨223⟩ Xaa stands for Leu or Ala

⟨220⟩
⟨221⟩ MISC_FEATURE
⟨222⟩ (10)..(10)
⟨223⟩ Xaa stands for Tyr or His

⟨400⟩ 154

Gly Xaa Xaa Xaa Xaa Ser Xaa Asn Val Xaa Ser

1 5 10

⟨210⟩ 155
⟨211⟩ 12
⟨212⟩ PRT
⟨213⟩ Artificial

⟨220⟩

10

20

30

40

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 155

Val Lys Gln Thr Asn Ile Tyr Thr Ala Ser Ile Arg

1 5 10

10

〈210〉 156

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 156

Gly Thr Tyr Val Ala His Leu Ser Lys Phe Asn Arg

1 5 10

30

〈210〉 157

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

40

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 157

Lys Val Tyr Ile Ser Thr Ile

10

1 5

⟨210⟩ 158

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

20

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Val or Leu

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (4)..(4)

40

⟨223⟩ Xaa stands for Thr or Val

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (6)..(6)

⟨223⟩ Xaa stands for Thr or Ser

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (8)..(8)

⟨223⟩ Xaa stands for Ser or Gln

20

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (9)..(9)

⟨223⟩ Xaa stands for Ser or Ala

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (10)..(10)

⟨223⟩ Xaa stands for Leu or Thr

40

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (11)..(11)

〈223〉 Xaa stands for Gln or Ser

〈400〉 158

Lys Xaa Tyr Xaa Ser Xaa Ile Xaa Xaa Xaa Xaa Pro

1 5 10 10

〈210〉 159

〈211〉 4

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 159

Ser Thr Ile Ser

30

1

〈210〉 160

〈211〉 9

〈212〉 PRT

〈213〉 Artificial

40

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Val or Ala

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (6)..(6)

⟨223⟩ Xaa stands for Gln or Ser

20

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (7)..(7)

⟨223⟩ Xaa stands for Ala or Arg

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (8)..(8)

⟨223⟩ Xaa stands for Thr or Tyr

40

⟨400⟩ 160

Tyr Xaa Ser Ser Ile Xaa Xaa Xaa Ser

1 5

⟨210⟩ 161

⟨211⟩ 7

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

20

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (4)..(4)

⟨223⟩ Xaa stands for Ala or Ser

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (5)..(5)

⟨223⟩ Xaa stands for Ser or Thr

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (6)..(6)

30

40

⟨223⟩ Xaa stands for Ser or Pro

⟨400⟩ 161

Thr Tyr Tyr Xaa Xaa Xaa Ile

1 5

10

⟨210⟩ 162

⟨211⟩ 8

⟨212⟩ PRT

⟨213⟩ Artificial

20

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (2)..(2)

⟨223⟩ Xaa stands for Ala or Tyr

30

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (4)..(4)

⟨223⟩ Xaa stands for Ser or Thr

40

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (5)..(5)

⟨223⟩ Xaa stands for Ile or Pro

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (6)..(6)

⟨223⟩ Xaa stands for Ser or Ile

⟨400⟩ 162

20

Tyr Xaa Ser Xaa Xaa Xaa Arg Tyr

1 5

⟨210⟩ 163

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

30

⟨220⟩

⟨223⟩ Peptide binding to mouse IgG Fc fragment obtained from a combinatorial phage display peptide library

40

⟨400⟩ 163

Leu Leu Ala Asp Thr Thr His His Arg Pro Trp Thr

1 5 10

⟨210⟩ 164

⟨211⟩ 6

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to mouse IgG Fc fragment obtained from a combinatorial phage display peptide library

20

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (5)..(5)

⟨223⟩ Xaa stands for Leu or Thr

⟨400⟩ 164

30

Thr Ala Thr Leu Xaa Arg

1 5

⟨210⟩ 165

⟨211⟩ 7

⟨212⟩ PRT

40

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 165

10

Lys Leu Phe His Leu Ser Ala

1 5

〈210〉 166

〈211〉 7

20

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 166

Lys Leu Tyr His Leu Ser Ile

1 5

〈210〉 167

40

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 167

Lys Leu Phe Pro Leu Ser Ile

1 5

〈210〉 168

20

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 168

Lys Thr Tyr Val Ser His Leu

1 5

40

〈210〉 169

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 169

Lys Thr Tyr Thr Ser Ser Ile

1 5

20

〈210〉 170

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 170

Arg Leu Tyr His Leu Gln Tyr

1 5

40

〈210〉 171

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 171

Gly Trp Ile Ser Val Pro Leu

1 5

20

〈210〉 172

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 172

Gly Trp Lys Thr Val Pro Leu

1 5

40

〈210〉 173

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 173

Gly Trp Lys Thr Val Gln Leu

1 5

〈210〉 174

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 174

Lys Thr Tyr Val Ser His Leu

1 5

〈210〉 175

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 175

Ser Ser Ile Ser Ser Leu Ser Tyr Ser Pro Ser

20

1 5 10

〈210〉 176

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 176

40

Gly Ser Ile Ser Ser Leu Ser Tyr Ser Pro Ser

1 5 10

〈210〉 177

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 177

20

Gly Thr Arg Ala Ser Thr Leu Trp Tyr Met Glu His

1 5 10

〈210〉 178

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 178

40

Lys Leu Tyr Ser Ser Ser Met Ser His His Met Thr
1 5 10

179

12

PRT

Artificial

10

179

Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

179

20

Asp Leu Tyr Thr Ser Tyr Leu Ser Val Leu Pro Val
1 5 10

180

12

PRT

Artificial

30

180

Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

40

180

Ala Ser Leu Thr Ser Phe Leu Ser Tyr Ser Tyr Ala

1 5 10

181

12

PRT

Artificial

181

Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

181

Asn His Leu Ser Leu Thr Ser Val Leu Arg Trp Asp

1 5 10

182

12

PRT

Artificial

182

Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 182

Gly Thr Lys Val Ser Ser Leu Gln Val Ala Thr Thr
1 5 10

〈210〉 183

10

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 183

Ile Gln Val Lys Ser Ser Ser Leu Arg Leu Ser Gly
1 5 10

30

〈210〉 184

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 184

His Gln Tyr Thr Ser Ser Ile Ser Ser Leu Gly Thr

1 5 10

10

〈210〉 185

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinat
orial phage display peptide library

20

〈400〉 185

Gly Thr Tyr Leu Ser His Leu Ser Tyr Ser Ala Gly

1 5 10

30

〈210〉 186

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

40

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinat

orial phage display peptide library

⟨400⟩ 186

Gly Leu Tyr Thr Ser Ser Leu Arg Phe Trp Pro Pro

1 5 10

10

⟨210⟩ 187

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

20

⟨223⟩ Peptide binding to human IgG Fc fragment obtained from a combinat
orial phage display peptide library

⟨400⟩ 187

Gly Thr Tyr Ser Ser Tyr Leu Ser Ser His Thr Pro

1 5 10

30

⟨210⟩ 188

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

40

⟨220⟩

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 188

Ala Asn Tyr Ser Ser Met Val Tyr Gln Pro Pro

1 5 10

10

〈210〉 189

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 189

Asn Pro Thr Thr Tyr Arg Ser Ser Val Ser Phe Ala

1 5 10

30

〈210〉 190

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

40

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 190

Leu Pro Gln Asn Tyr Ile Ser Arg Leu Ser Ile Arg

10

1 5 10

〈210〉 191

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 191

30

Ala Trp Arg Thr Ser Thr Leu Ser Ser His Val Pro

1 5 10

〈210〉 192

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

40

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 192

10

Lys Leu Tyr Ser Ser Gln Pro Gln Trp Leu Leu Pro

1 5 10

〈210〉 193

〈211〉 12

〈212〉 PRT

20

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 193

30

Gly Val Tyr Thr Ser His Met Ala Asn Trp Ser Met

1 5 10

〈210〉 194

〈211〉 12

40

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 194

10

Ala Trp Arg Thr Ser Thr Leu Ser Ser His Val Pro

1 5 10

〈210〉 195

〈211〉 12

20

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 195

Lys Leu Tyr Ser Ser Gln Pro Gln Trp Leu Leu Pro

1 5 10

〈210〉 196

40

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 196

Gly Val Tyr Thr Ser His Met Ala Asn Trp Ser Met

1 5 10

〈210〉 197

20

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 197

Ala Val Tyr Thr Ser Lys Met Ser Val Asn Asn Thr

1 5 10

40

〈210〉 198

<211> 12

<212> PRT

<213> Artificial

<220>

<223> Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

<400> 198

Gly Thr Val Lys Ser His Leu Ser Phe Pro Met Ala

1 5 10

20

<210> 199

<211> 12

<212> PRT

<213> Artificial

<220>

<223> Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

<400> 199

Ser Thr Ile Lys Ser Ser Ile Ala Val Gly Thr Trp

1 5 10

40

〈210〉 200

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 200

Gly Thr Tyr Val Ser His Leu His Asn Gln Leu Pro

1 5 10

20

〈210〉 201

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 201

Gly Thr Tyr Leu Ser His Leu Ser Tyr Ser Ala Gly

1 5 10

40

<210> 202
<211> 12
<212> PRT
<213> Artificial

<220> 10
<223> Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

<400> 202

Gly Tyr Ile Lys Ser Ser Leu Ser Ala Asn Thr Thr
1 5 10 20

<210> 203
<211> 12
<212> PRT
<213> Artificial

<220> 30
<223> Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

<400> 203

Lys Ser Ile Thr Ser Ser Leu Ser Tyr Ala Leu Ser
1 5 10 40

〈210〉 204

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 204

Val Thr Tyr Ser Ser Ile Tyr Tyr Ala Gly Asp

20

1 5 10

〈210〉 205

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 205

40

Gly Tyr Ile Lys Ser Ser Leu Ser Ala Asn Thr Thr

1 5 10

〈210〉 206

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 206

20

Gly Leu Tyr Thr Ser Ser Leu Arg Phe Trp Pro Pro

1 5 10

〈210〉 207

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 207

Gly Val Arg Val Ser His Leu His Pro Pro Leu Gln

1 5 10

⟨210⟩ 208

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to horse IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 208

Gly Val Asp Val Gly Thr Pro Ile Lys Tyr Phe Pro

1 5 10

⟨210⟩ 209

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to horse IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 209

His Gln Tyr Thr Ser Ser Ile Ser Ser Leu Gly Thr
1 5 10

〈210〉 210

10

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to horse IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 210

Gly Leu Tyr Thr Ser Ser Leu Arg Phe Trp Pro Pro
1 5 10

30

〈210〉 211

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to horse IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 211

Ala Thr Leu Trp Gly Asn Pro Val Phe Tyr Ser Pro

1 5 10

10

〈210〉 212

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to horse IgG Fc fragment obtained from a combinat
orial phage display peptide library

20

〈400〉 212

Ala Thr Leu Trp Gly Asn Pro Val Ser Tyr Ser Pro

1 5 10

30

〈210〉 213

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

40

〈223〉 Peptide binding to sheep IgG Fc fragment obtained from a combinat

orial phage display peptide library

⟨400⟩ 213

Gly Trp Thr Ser Leu Ser Ile Ser Phe Ala Pro Ser

1 5 10

10

⟨210⟩ 214

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

20

⟨223⟩ Peptide binding to sheep IgG Fc fragment obtained from a combinat
orial phage display peptide library

⟨400⟩ 214

Glu Phe Met His Ile Gly Tyr Phe Thr Val Pro Arg

1 5 10

30

⟨210⟩ 215

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

40

⟨220⟩

〈223〉 Peptide binding to sheep IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 215

Lys Asn Tyr Ile Ala Thr Met Thr Val Pro Leu Ser

1 5 10

10

〈210〉 216

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to sheep IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 216

Gly Phe His Thr Val Ser Leu Ser Tyr Asn Arg Gly

1 5 10

30

〈210〉 217

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

40

〈220〉

〈223〉 Peptide binding to rabbit IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 217

Phe Thr Gln Ser Pro Leu Leu

1 5

10

〈210〉 218

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to rabbit IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 218

30

Gly Gln Ile Lys Val His Leu Gln Tyr Thr Pro Leu

1 5 10

40

〈210〉 219

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to rabbit IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 219

10

Glu Leu Thr Met Tyr Lys Met Phe Ser Pro Thr Asn

1 5 10

〈210〉 220

〈211〉 12

20

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to rabbit IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 220

Gly Leu Tyr Thr Ser Ser Leu Arg Phe Trp Pro Pro

1 5 10

〈210〉 221

40

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 221

Arg Glu Pro Thr Pro Ser Tyr

1 5

〈210〉 222

20

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 222

Gly Trp Thr His Arg Tyr Ile

1 5

40

〈210〉 223

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 223

Met Arg Tyr Glu Ser Ser Val Ser Ile Arg Asn Ile

1 5 10

20

〈210〉 224

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 224

Gly Trp Val Ser Ser Ser Ile Thr Arg Glu Ser Ala

1 5 10

40

〈210〉 225

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 225

Ala Trp Phe Thr Ser Ser Ile Ser Ala Asn Glu Thr

1 5 10

20

〈210〉 226

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

30

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 226

Gly Trp Phe Ser His Ser Val Ser Arg Ala Ser Met

1 5 10

40

〈210〉 227

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to guinea pig IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 227

Gly Thr Tyr Met Ala Tyr Thr Ser Arg His Ala Ser

1 5 10

20

〈210〉 228

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to goat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 228

Gly Val Gln Ile Lys Ser Ile Ser Ser Asn Tyr Arg

40

1 5 10

〈210〉 229

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to goat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 229

Gln Ile Tyr Met Ser Ser Tyr Thr Val Pro Ser Glu

20

1 5 10

〈210〉 230

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to goat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 230

40

His His Phe Lys Thr Thr Gln Ala Glu Ile Arg Gly

1 5 10

〈210〉 231

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to goat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 231

20

Gly Thr Leu Lys Val Phe Leu Pro Ala Trp Asp Phe

1 5 10

〈210〉 232

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to goat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 232

40

Gly His Lys Met Val Ser Thr Gln Ser Val Tyr Ala

1 5 10

⟨210⟩ 233

⟨211⟩ 7

⟨212⟩ PRT

⟨213⟩ Artificial

10

⟨220⟩

⟨223⟩ Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 233

20

Gln Ala Thr Thr Leu Ser Ile

1 5

⟨210⟩ 234

⟨211⟩ 7

⟨212⟩ PRT

⟨213⟩ Artificial

30

⟨220⟩

⟨223⟩ Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 234

Ala Ile Tyr Lys Ala Thr Leu

1 5

〈210〉 235

10

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 235

Gly Thr Met Ser Val Thr Ile

1 5

30

〈210〉 236

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 236

Ser Ile Asn Ile Tyr Lys Ser Thr Leu Thr Ser Pro

1 5 10

10

〈210〉 237

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 237

Ser Ile Asn Ile Tyr Lys Ser Thr Trp Thr Ser Pro

1 5 10

30

〈210〉 238

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

40

ial phage display peptide library

⟨400⟩ 238

Thr Leu His Lys Ala Ser Val Thr Ser Pro Leu Phe

1 5 10

10

⟨210⟩ 239

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

20

⟨223⟩ Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 239

Gly Thr Tyr Lys Ala His Leu Ile Ala Pro Pro Leu

1 5 10

30

⟨210⟩ 240

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

40

⟨220⟩

<223> Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa stands for any amino acid

10

<400> 240

Xaa Ser Tyr Lys Ala Ser Tyr Thr Ser Thr Arg Pro

1 5 10

20

<210> 241

<211> 12

<212> PRT

<213> Artificial

<220>

30

<223> Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

<400> 241

Gln Ile Tyr His Ala Thr Ile Thr Ser Pro Tyr Ser

1 5 10

40

〈210〉 242

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 242

Gly His Gln Thr Arg Ile Ser Ala Ser Ile Thr Ser

1 5 10

10

20

〈210〉 243

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 243

Gly Tyr Trp Ser Ala Ser Val Thr Ser Pro Pro Ser

40

1 5 10

〈210〉 244

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 244

Lys Val Tyr Leu Ala Thr Leu Ala Ser Pro Phe Gln

20

1 5 10

〈210〉 245

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 245

40

Gly Lys Met Ser Gln Ser Leu Thr Ser Ile Gln Val

1 5 10

〈210〉 246

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 246

20

Val Leu Gly Lys Thr Tyr His Ala Ala Ile Ser Ser

1 5 10

〈210〉 247

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 247

40

Gly Thr Ile Ser Val Ser Leu Trp Ser Trp Ala Ser
1 5 10

〈210〉 248

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

10

〈220〉

〈223〉 Peptide binding to cat IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 248

20

Lys Asn Tyr Ser Ser Ile Ser Ser Ile His Ala
1 5 10

〈210〉 249

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

30

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 249

Gly Trp Lys Phe Val Thr Leu

1 5

⟨210⟩ 250

⟨211⟩ 7

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 250

Gly Thr Leu Arg Val Thr Ile

1 5

⟨210⟩ 251

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 251

Lys Pro Ala Trp Tyr Tyr Glu Thr Ile Ser Asn Thr
1 5 10

〈210〉 252

10

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 252

Gly Trp Asn Met Ala Thr Ile Ser Ala Leu Ser Leu
1 5 10

30

〈210〉 253

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

40

〈400〉 253

Gly Ser Thr Phe Ala Thr Ile Arg Phe Ser Pro His

1 5 10

10

〈210〉 254

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 254

Gly Phe Trp Ser Ala Thr Ile Ser Ser His Ala Thr

1 5 10

30

〈210〉 255

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

40

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial

ial phage display peptide library

⟨400⟩ 255

Gly Leu Tyr Leu Asp Thr Ile Gly Phe Thr Gly Asp

1 5 10

10

⟨210⟩ 256

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

20

⟨223⟩ Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 256

Gly Trp Lys Leu Glu Ser Ile Ser Phe Ser Glu Ser

1 5 10

30

⟨210⟩ 257

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

40

⟨220⟩

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 257

Gly Ser Thr Phe Ala Thr Ile Arg Phe Ser Pro His

1 5 10

10

〈210〉 258

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 258

Gly Thr His His Glu Thr Ile Arg Cys Ala Gln Cys

1 5 10

30

〈210〉 259

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

40

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 259

His Thr Tyr Phe Ala Thr Ile Ser Arg Ser Ser Asn

10

1 5 10

〈210〉 260

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

20

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 260

30

Gly Thr Ser His Lys Ser Ile Ser Ile Ser Asp Thr

1 5 10

〈210〉 261

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

40

〈220〉

〈223〉 Peptide binding to dog IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 261

10

Gly Thr Leu His Lys Ser Ile Ser Ile Ser Asp Thr

1 5 10

〈210〉 262

〈211〉 12

〈212〉 PRT

20

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 262

30

Gly Ser Arg Ala Ser Ser Ile Asn Ile Phe His Ala

1 5 10

〈210〉 263

40

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 263

Gln Thr Tyr Ser Val Ser Ile Asn Ile Met Gly Ser

1 5 10

〈210〉 264

20

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 264

Gly Met Thr Ser Arg Ser Leu Asn Val Tyr Ser Ala

1 5 10

40

〈210〉 265

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 265

Gly Thr Ile His Val Ser Ala Asn Val His Ser Phe

1 5 10

20

〈210〉 266

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

30

〈400〉 266

Val Lys Gln Thr Asn Ile Tyr Thr Ala Ser Ile Arg

1 5 10

40

〈210〉 267

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to bovine IgG Fc fragment obtained from a combinatorial phage display peptide library

10

〈400〉 267

Gly Thr Tyr Val Ala His Leu Ser Lys Phe Asn Arg

1 5 10

20

〈210〉 268

〈211〉 7

〈212〉 PRT

〈213〉 Artificial

〈220〉

30

〈223〉 Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 268

Lys Val Tyr Ile Ser Thr Ile

1 5

40

〈210〉 269
〈211〉 12
〈212〉 PRT
〈213〉 Artificial

〈220〉
10
〈223〉 Peptide binding to swine IgG Fc fragment obtained from a combinat
orial phage display peptide library

〈400〉 269

Lys Val Tyr Thr Ser Thr Ile Ser Ser Leu Gln Pro
1 5 10
20

〈210〉 270
〈211〉 12
〈212〉 PRT
〈213〉 Artificial

30
〈220〉
〈223〉 Peptide binding to swine IgG Fc fragment obtained from a combinat
orial phage display peptide library

〈400〉 270

Lys Leu Tyr Val Ser Ser Ile Gln Ala Thr Ser Pro
1 5 10
40

〈210〉 271
〈211〉 12
〈212〉 PRT
〈213〉 Artificial

10

〈220〉
〈223〉 Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 271

Ala Pro His Arg Tyr Thr Ser Thr Ile Ser Val His
1 5 10

20

〈210〉 272
〈211〉 12
〈212〉 PRT
〈213〉 Artificial

30

〈220〉
〈223〉 Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 272

40

Ala Gln Lys His Phe Tyr Ser Thr Ile Ser Val Asp

1 5 10

⟨210⟩ 273

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

10

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 273

20

Thr Thr Tyr Tyr Ala Ser Ser Ile Ser Arg Tyr Ser

1 5 10

⟨210⟩ 274

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

30

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 274

40

Leu Ala Lys Thr Tyr Tyr Ser Thr Pro Ile Arg Tyr
1 5 10

⟨210⟩ 275

⟨211⟩ 12

⟨212⟩ PRT

10

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 275

20

Thr Met Tyr Val Ser Thr Ile Ser Ser Lys His Leu
1 5 10

⟨210⟩ 276

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

30

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

40

⟨400⟩ 276

His Met Lys Val Tyr Ser Ser Thr Ile Ser Arg Leu

1 5 10

⟨210⟩ 277

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to swine IgG Fc fragment obtained from a combinatorial phage display peptide library

⟨400⟩ 277

Ala Pro His Arg Tyr Thr Ser Thr Ile Ser Val His

1 5 10

⟨210⟩ 278

⟨211⟩ 12

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to mouse IgG Fc fragment obtained from a combinatorial phage display peptide library

〈400〉 278

His Leu Tyr Thr Ala Thr Leu Leu Arg Ser Asn Leu
1 5 10

〈210〉 279

10

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to mouse IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈400〉 279

Ser His Trp Gln Val Thr Ala Thr Leu Thr Arg Trp
1 5 10

30

〈210〉 280

〈211〉 12

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to mouse IgG Fc fragment obtained from a combinatorial phage display peptide library

40

⟨400⟩ 280

Leu Leu Ala Asp Thr Thr His His Arg Pro Trp Thr
1 5 10

10

⟨210⟩ 281

⟨211⟩ 10

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

20

⟨400⟩ 281

Arg Leu Trp Leu His Arg His Lys Leu Val
1 5 10

30

⟨210⟩ 282

⟨211⟩ 10

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

40

⟨223⟩ Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

combinatorial phage display peptide library

〈400〉 282

Phe Gly Arg Leu Val Ser Ser Ile Arg Tyr

1 5 10

10

〈210〉 283

〈211〉 10

〈212〉 PRT

〈213〉 Artificial

〈220〉

20

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

〈220〉

〈221〉 MISC_FEATURE

〈222〉 (4)..(4)

〈223〉 Xaa stands for Leu or Val

30

〈400〉 283

Phe Ala Arg Xaa Val Ser Ser Ile Arg Tyr

1 5 10

40

<210> 284
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library 10

<400> 284

Thr Trp Lys Thr Ser Arg Ile Ser Ile Phe

1 5 10

20

<210> 285
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library 30

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa stands for Phe or Leu 40

〈400〉 285

Xaa Gly Arg Leu Val Ser Ser Ile Arg Tyr

1 5 10

10

〈210〉 286

〈211〉 10

〈212〉 PRT

〈213〉 Artificial

〈220〉

〈223〉 Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

20

〈220〉

〈221〉 MISC_FEATURE

〈222〉 (2)..(2)

〈223〉 Xaa stands for any amino acid

30

〈400〉 286

Phe Xaa Arg Leu Val Ser Ser Ile Arg Tyr

1 5 10

40

〈210〉 287

⟨211⟩ 10

⟨212⟩ PRT

⟨213⟩ Artificial

⟨220⟩

⟨223⟩ Peptide binding to human IgG Fc fragment obtained from a combinatorial phage display peptide library

10

⟨220⟩

⟨221⟩ MISC_FEATURE

⟨222⟩ (6)..(6)

⟨223⟩ Xaa stands for any amino acid

20

⟨400⟩ 287

Trp Arg Lys Tyr Leu Xaa Arg His Ala Leu

1 5 10

⟨210⟩ 288

⟨211⟩ 84

⟨212⟩ DNA

⟨213⟩ M13 phage

30

⟨220⟩

⟨221⟩ sig_peptide

⟨222⟩ (1)..(54)

⟨223⟩

40

〈400〉 288

gtgaaaaat tattattcgc aattccctta gtggcacctt tctattctca ctctggtgga 60

ggttcggccg aaactgttga aagt 84

10

〈210〉 289

〈211〉 22

〈212〉 DNA

〈213〉 Artificial

〈220〉

〈223〉 PCR primer 20

〈400〉 289

agagtgagaa tagaaaggta cc 22

〈210〉 290

〈211〉 43 30

〈212〉 DNA

〈213〉 Artificial

〈220〉

〈223〉 PCR primer

〈400〉 290

aaactttatc atttatctat tggggaggt tcggccgaaa ctg 43

40

〈210〉 291

〈211〉 20

〈212〉 DNA

〈213〉 Artificial

10

〈220〉

〈223〉 PCR primer

〈400〉 291

ccctcatagt tagcgtaacg

20

20

【図面の簡単な説明】

【図 1】配列番号 1 6 5～1 6 7、1 6 9、1 7 0、1 7 2、1 7 3、1 7 5～1 8 9で表されるアミノ酸配列を有するペプチドを呈示したファージの h u m a n F c に対する結合性の確認試験の結果を表す図である。

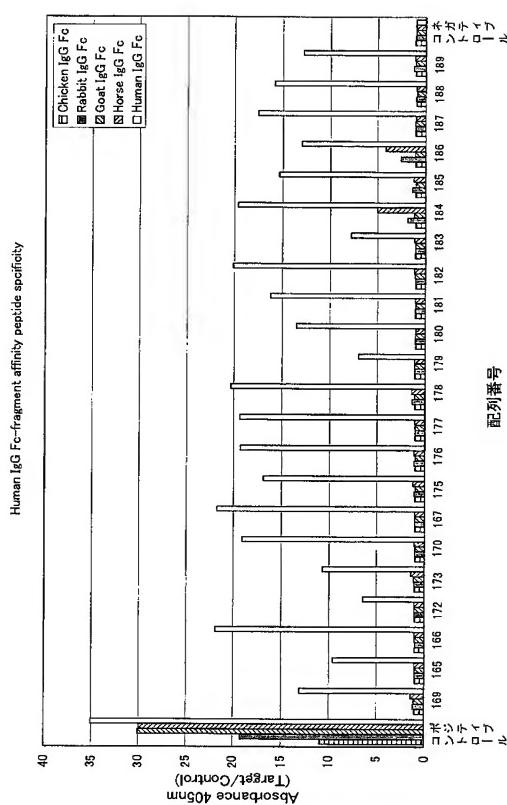
【図 2】配列番号 1 6 5～1 6 7、1 6 9、1 7 0、1 7 2、1 7 3、1 7 5～1 8 9で表されるアミノ酸配列を有するペプチドを呈示したファージのヒト由来 I g G に対する特異性を検討した結果を示す図である。

【図 3】配列番号 1 6 6 で表されるアミノ酸配列を有するペプチドを呈示したファージを二次抗体として用い、h u m a n F c を検出した結果を示す図である。

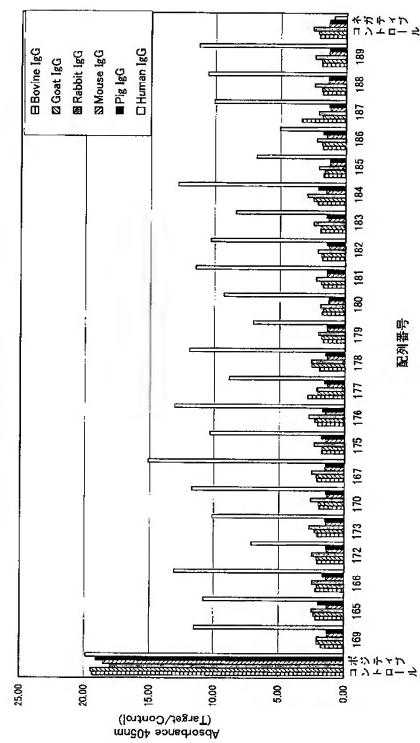
【図 4】配列番号 1 7 3 で表されるアミノ酸配列を有するペプチドを呈示したファージを二次抗体として用い、h u m a n F c を検出した結果を示す図である。

30

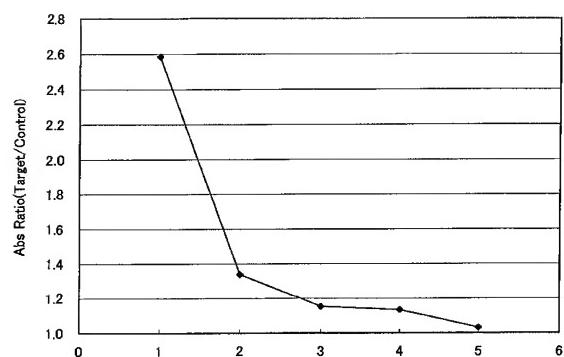
【図1】



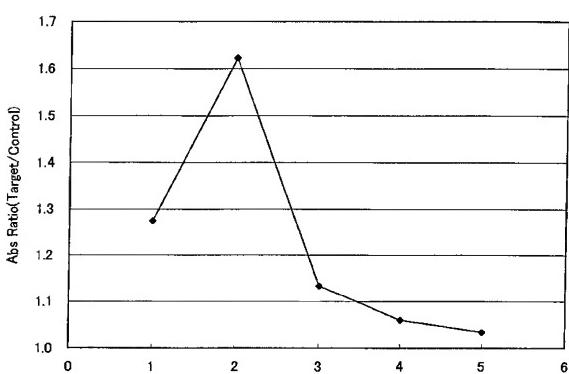
【図2】



【図3】



【図4】



フロントページの続き

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